EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1487	((210/459) or (604/408,410,10)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/04 13:17
S2	40	sugawara-hiroyuki$.in.	US-PGPUB; USPAT	OR	ON	2008/01/04 13:10
S3	897	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 13:10
S4	188	S3 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:07
S5	123	US-5156701-$.DID. OR US-4142523-$.DID. OR US-4250892-$.DID. OR US-4254771-$.DID. OR US-4346711-$.DID. OR US-4759749-$.DID. OR US-4834108-$.DID. OR US-4850964-$.DID. OR US-4894150-$.DID. OR US-4898572-$.DID. OR US-4963134-$.DID. OR US-5002529-$.DID. OR US-5004459-$.DID. OR US-5061236-$.DID. OR US-5201722-$.DID. OR US-5205834-$.DID. OR US-5207638-$.DID. OR US-5248359-$.DID. OR US-5275585-$.DID. OR US-5318510-$.DID. OR US-5380314-$.DID. OR US-5403304-$.DID. OR US-5437836-$.DID. OR US-5441482-$.DID. OR US-5458567-$.DID. OR US-5507904-$.DID. OR US-5643193-$.DID. OR US-5722947-$.DID. OR US-5772880-$.DID. OR US-5785700-$.DID. OR US-5798041-$.DID. OR US-5885261-$.DID. OR US-5938940-$.DID. OR US-5971948-$.DID. OR US-6027490-$.DID. OR US-6030539-$.DID. OR US-6099492-$.DID. OR US-6129853-$.DID. OR US-6186983-$.DID. OR US-6221264-$.DID. OR US-6277138-$.DID. OR US-6277139-$.DID. OR US-6296602-$.DID. OR US-6328726-$.DID. OR US-6342048-$.DID. OR US-6344049-$.DID. OR US-6358420-$.DID. OR US-6458814-$.DID. OR US-6464624-$.DID. OR US-6471069-$.	US-PGPUB; USPAT	OR	ON	2008/01/04 13:47

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S6	8121	((422/44) or (604/4.01,5.01,6.09,6.15,6.16,403,406,408,410,) or 210/194,196,232,233,234,)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/04 14:06
S7	5227	(S1 S6) and @ay<"2004" not (S2 S4 S5)	US-PGPUB; USPAT	OR	ON	2008/01/04 14:07
S8	1242	S7 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:08

S9	1113	S8 and (cut$4 fraction$3 fragment$3 partition$3 part portion$3 section$3 sector$3 segment$3 slic$3 split$4 subdivi$4) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 14:11
S10	1030	S9 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg $3 mix adj together) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:08
S11	1487	((210/459) or (604/408,410,10)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/04 16:12
S12	40	sugawara-hiroyuki$.in.	US-PGPUB; USPAT	OR	ON	2008/01/04 16:12
S13	897	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:12
S14	188	S13 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:12

| S15 | 123 | US-5156701-$.DID. OR US-4142523-$.DID. OR US-4250892-$.DID. OR US-4254771-$.DID. OR US-4346711-$.DID. OR US-4759749-$.DID. OR US-4834108-$.DID. OR US-4850964-$.DID. OR US-4894150-$.DID. OR US-4898572-$.DID. OR US-4963134-$.DID. OR US-5002529-$.DID. OR US-5004459-$.DID. OR US-5061236-$.DID. OR US-5201722-$.DID. OR US-5205834-$.DID. OR US-5207638-$.DID. OR US-5248359-$.DID. OR US-5275585-$.DID. OR US-5318510-$.DID. OR US-5380314-$.DID. OR US-5403304-$.DID. OR US-5437836-$.DID. OR US-5441482-$.DID. OR US-5458567-$.DID. OR US-5507904-$.DID. OR US-5643193-$.DID. OR US-5722947-$.DID. OR US-5772880-$.DID. OR US-5785700-$.DID. OR US-5798041-$.DID. OR US-5885261-$.DID. OR US-5938940-$.DID. OR US-5971948-$.DID. OR US-6027490-$.DID. OR US-6030539-$.DID. OR US-6099492-$.DID. OR US-6129853-$.DID. OR US-6186983-$.DID. OR US-6221264-$.DID. OR US-6277138-$.DID. OR US-6277139-$.DID. OR US-6296602-$.DID. OR US-6328726-$.DID. OR US-6342048-$.DID. OR US-6344049-$.DID. OR US-6358420-$.DID. OR US-6458814-$.DID. OR US-6464624-$.DID. OR US-6471069-$.DID. OR US-4985153-$.DID. OR US-2102571-$.DID. OR US-20070043317-$.DID. OR US-20060180526-$.DID. OR US-4886487-$.DID. OR US-20070412009-$.DID. OR US-2357238-$.DID. OR US-3489145-$.DID. OR US-6814726-$.DID. OR US-6733433-$.DID. OR US-4447230-$.DID. OR US-4596657-$.DID. OR US-4997577-$.DID. OR US-5098371-$.DID. OR US-5269946-$.DID. OR US-5378229-$.DID. OR US-5405343-$.DID. OR US-5536412-$.DID. OR US-5601730-$.DID. OR US-6495039-$.DID. OR US-3000540-$.DID. OR US-4223695-$.DID. OR US-4608178-$.DID. OR US-4857190-$.DID. OR US-5053127-$.DID. OR US-5071570-$.DID. OR US-5100564-$.DID. OR US-5102407-$.DID. OR US-5126054-$.DID. OR US-5128048-$.DID. OR US-5152905-$.DID. OR US-5180504-$.DID. OR US-5217627-$.DID. OR US-5258126-$.DID. OR US-5316674-$.DID. OR US-5364526-$.DID. OR US-5451321-$.DID. OR US-5472621-$.DID. OR US-5512187-$.DID. OR US-5527472-$.DID. OR US-4267269-$.DID. OR US-4855063-$.DID. OR US-20020133136-$.DID. OR EP-20030141009-$.DID. OR US-20010012930-$.DID. OR US-6585682-$.DID. OR US-4828557-$.DID. OR US-5217618-$.DID. OR US-6678040-$.DID. OR US-7097209-$.DID. OR US-6488860-$.DID. OR US-6234538-$.DID. OR US-6123859-$.DID. OR EP-41272007-$.DID. OR EP-412720073-$.DID. OR US-6041410-$.DID. OR US-6041246-$.DID. OR US-6041260-$.DID. OR US-6041262-$.DID. OR US-6041182-$.DID. OR EP-42720073-$.DID. OR US-2101206-$.DID. OR US-2805973-$.DID. OR US-3013925-$.DID. OR US-4022256-$. | US-PGPUB; USPAT | OR | ON | 2008/01/04 16:12 |

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S16	8121	((422/44) or (604/4.01,5.01,6.09,6.15,6.16,403,406,408,410,) or (210/194,196,232,233,234,)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/04 16:12
S17	5227	(S11 S16) and @ay<"2004" not (S12 S14 S15)	US-PGPUB; USPAT	OR	ON	2008/01/04 16:12
S18	1242	S17 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:29
S19	1113	S18 and (cut$4 fraction$3 fragment$3 partition$3 part portion$3 section$3 sector$3 segment$3 slic$3 split$4 subdivi$4) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:12
S20	1030	S19 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/05 07:06
S21	909	S20 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) same (repository vessel receptacle bag canister capsule chamber container compartment reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:12

S22	814	S21 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) with (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:21
S23	274	S21 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) with (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit) with filter $3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/04 16:22
S24	12	(("4759362") or ("4759362") or ("5512172") or ("5512172") or ("5762868") or ("4369779") or ("4223675") or ("4411662") or ("4412835") or ("5417681") or ("4501951") or ("3968195") or ("4610670") or ("4816221")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 07:06
S25	57	("4157723" | "4265280" | "4267269" | "4412835" | "4596657" | "4767541" | "4810378" | "4855063" | "4919823" | "4943287" | "4997577").PN. OR ("5180504").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/05 07:48
S26	5	(("6,733,433") or ("5,496,302") or ("5,802,689") or ("5,779,666") or ("5,180,504")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/05 07:49
S28	1519	((210/459) or (604/408,410,10)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S29	42	sugawara-hiroyuki$.in.	US-PGPUB; USPAT	OR	ON	2008/08/27 13:35
S30	943	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S31	196	S30 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35

| S32 | 123 | US-5156701-$.DID. OR US-4142523-$.DID. OR US-4250892-$.DID. OR US-4254771-$.DID. OR US-4346711-$.DID. OR US-4759749-$.DID. OR US-4834108-$.DID. OR US-4850964-$.DID. OR US-4894150-$.DID. OR US-4898572-$.DID. OR US-4963134-$.DID. OR US-5002529-$.DID. OR US-5004459-$.DID. OR US-5061236-$.DID. OR US-5201722-$.DID. OR US-5205834-$.DID. OR US-5207638-$.DID. OR US-5248359-$.DID. OR US-5275585-$.DID. OR US-5318510-$.DID. OR US-5380314-$.DID. OR US-5403304-$.DID. OR US-5437836-$.DID. OR US-5441482-$.DID. OR US-5458567-$.DID. OR US-5507904-$.DID. OR US-5643193-$.DID. OR US-5722947-$.DID. OR US-5772880-$.DID. OR US-5785700-$.DID. OR US-5798041-$.DID. OR US-5885261-$.DID. OR US-5938940-$.DID. OR US-5971948-$.DID. OR US-6027490-$.DID. OR US-6030539-$.DID. OR US-6099492-$.DID. OR US-6129853-$.DID. OR US-6186983-$.DID. OR US-6221264-$.DID. OR US-6277138-$.DID. OR US-6277139-$.DID. OR US-6296602-$.DID. OR US-6328726-$.DID. OR US-6342048-$.DID. OR US-6344049-$.DID. OR US-6358420-$.DID. OR US-6458814-$.DID. OR US-6464624-$.DID. OR US-6471069-$.DID. OR US-4985153-$.DID. OR US-2102571-$.DID. OR US-20070043317-$.DID. OR US-20060180526-$.DID. OR US-4886487-$.DID. OR US-20070412009-$.DID. OR US-2357238-$.DID. OR US-3489145-$.DID. OR US-6814726-$.DID. OR US-6733433-$.DID. OR US-4447230-$.DID. OR US-4596657-$.DID. OR US-4997577-$.DID. OR US-5098371-$.DID. OR US-5269946-$.DID. OR US-5378229-$.DID. OR US-5405343-$.DID. OR US-5536412-$.DID. OR US-5601730-$.DID. OR US-6495039-$.DID. OR US-3000540-$.DID. OR US-4223695-$.DID. OR US-4608178-$.DID. OR US-4857190-$.DID. OR US-5053127-$.DID. OR US-5071570-$.DID. OR US-5100564-$.DID. OR US-5102407-$.DID. OR US-5126054-$.DID. OR US-5128048-$.DID. OR US-5152905-$.DID. OR US-5180504-$.DID. OR US-5217627-$.DID. OR US-5258126-$.DID. OR US-5316674-$.DID. OR US-5364526-$.DID. OR US-5451321-$.DID. OR US-5472621-$.DID. OR US-5512187-$.DID. OR US-5527472-$.DID. OR US-4267269-$.DID. OR US-4855063-$.DID. OR US-20020133136-$.DID. OR EP-20030141009-$.DID. OR US-20010012930-$.DID. OR US-6585682-$.DID. OR US-4828557-$.DID. OR US-5217618-$.DID. OR US-6678040-$.DID. OR US-7097209-$.DID. OR US-6488860-$.DID. OR US-6234538-$.DID. OR US-6123859-$.DID. OR EP-41272007-$.DID. OR EP-412720073-$.DID. OR US-6041410-$.DID. OR US-6041246-$.DID. OR US-6041260-$.DID. OR US-6041262-$.DID. OR US-6041182-$.DID. OR EP-42720073-$.DID. OR US-2101206-$.DID. OR US-2805973-$.DID. OR US-3013925-$.DID. OR US-4022256-$. | US-PGPUB; USPAT | OR | ON | 2008/08/27 13:35 |

		DID. OR US-4242310-$.DID. OR US-4412835-$.DID. OR US-4443215-$.DID. OR US-4501630-$.DID. OR US-4507119-$.DID. OR US-4610670-$.DID. OR US-20030144647-$.DID. OR US-20070412209-$.DID. OR US-4157723-$.DID. OR US-4265280-$.DID. OR US-20070412210-$.DID. OR US-20020161322-$.DID. OR US-2101459-$.DID. OR US-20070412314-$.DID. OR US-20050274673-$.DID. OR US-20020011452-$.DID.				
S33	8367	((422/44) or (604/4.01,5.01,6.09,6.15,6.16,403,406,408,410,) or (210/194,196,232,233,234,)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S34	5263	(S28 S33) and @ay<"2004" not (S29 S31 S32)	US-PGPUB; USPAT	OR	ON	2008/08/27 13:35
S35	1256	S34 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S36	1126	S35 and (cut$4 fraction$3 fragment$3 partition$3 part portion$3 section$3 sector$3 segment$3 slic$3 split$4 subdivi$4) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S37	1043	S36 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S38	1519	((210/459) or (604/408,410,10)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S39	42	sugawara-hiroyuki$.in.	US-PGPUB; USPAT	OR	ON	2008/08/27 13:35
S40	943	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35

S41	196	S40 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S42	123	US-5156701-$.DID. OR US-4142523-$.DID. OR US-4250892-$.DID. OR US-4254771-$.DID. OR US-4346711-$.DID. OR US-4759749-$.DID. OR US-4834108-$.DID. OR US-4850964-$.DID. OR US-4894150-$.DID. OR US-4898572-$.DID. OR US-4963134-$.DID. OR US-5002529-$.DID. OR US-5004459-$.DID. OR US-5061236-$.DID. OR US-5201722-$.DID. OR US-5205834-$.DID. OR US-5207638-$.DID. OR US-5248359-$.DID. OR US-5275585-$.DID. OR US-5318510-$.DID. OR US-5380314-$.DID. OR US-5403304-$.DID. OR US-5437836-$.DID. OR US-5441482-$.DID. OR US-5458567-$.DID. OR US-5507904-$.DID. OR US-5643193-$.DID. OR US-5722947-$.DID. OR US-5772880-$.DID. OR US-5785700-$.DID. OR US-5798041-$.DID. OR US-5885261-$.DID. OR US-5938940-$.DID. OR US-5971948-$.DID. OR US-6027490-$.DID. OR US-6030539-$.DID. OR US-6099492-$.DID. OR US-6129853-$.DID. OR US-6186983-$.DID. OR US-6221264-$.DID. OR US-6277138-$.DID. OR US-6277139-$.DID. OR US-6296602-$.DID. OR US-6328726-$.DID. OR US-6342048-$.DID. OR US-6344049-$.DID. OR US-6358420-$.DID. OR US-6458814-$.DID. OR US-6464624-$.DID. OR US-6471069-$.DID. OR US-4985153-$.DID. OR US-2102571-$.DID. OR US-20070043317-$.DID. OR US-20060180526-$.DID. OR US-4886487-$.DID. OR US-20070412009-$.DID. OR US-2357238-$.DID. OR US-3489145-$.DID. OR US-6814726-$.DID. OR US-6733433-$.DID. OR US-4447230-$.DID. OR US-4596657-$.DID. OR US-4997577-$.DID. OR US-5098371-$.DID. OR US-5269946-$.DID. OR US-5378229-$.DID. OR US-5405343-$.DID. OR US-5536412-$.DID. OR US-5601730-$.DID. OR US-6495039-$.DID. OR US-3000540-$.DID. OR US-4223695-$.DID. OR US-4608178-$.DID. OR US-4857190-$.DID. OR US-5053127-$.DID. OR US-5071570-$.DID. OR US-5100564-$.DID. OR US-5102407-$.DID. OR US-5126054-$.DID. OR US-5128048-$.DID. OR US-5152905-$.DID. OR US-5180504-$.DID. OR US-5217627-$.DID. OR US-5258126-$.DID. OR US-5316674-$.DID. OR US-5364526-$.DID. OR US-5451321-$.DID. OR US-5472621-$.DID. OR US-5512187-$.DID. OR US-5527472-$.DID. OR US-4267269-$.DID. OR US-4855063-$.DID. OR US-20020133136-$.DID. OR EP-20030141009-$.DID. OR US-20010012930-$.DID. OR US-6585682-$.DID. OR US-4828557-$.DID. OR US-5217618-$.DID. OR	US-PGPUB; USPAT	OR	ON	2008/08/27 13:35

		US-6678040-$.DID. OR US-7097209-$.DID. OR US-6488860-$.DID. OR US-6234538-$.DID. OR US-6123859-$.DID. OR EP-41272007-$. DID. OR EP-412720073-$.DID. OR US-6041410-$.DID. OR US-6041246-$.DID. OR US-6041260-$.DID. OR US-6041262-$.DID. OR US-6041182-$.DID. OR EP-42720073-$.DID. OR US-2101206-$.DID. OR US-2805973-$.DID. OR US-3013925-$.DID. OR US-4022256-$. DID. OR US-4242310-$.DID. OR US-4412835-$.DID. OR US-4443215-$.DID. OR US-4501630-$.DID. OR US-4507119-$.DID. OR US-4610670-$.DID. OR US-20030144647-$.DID. OR US-20070412209-$.DID. OR US-4157723-$.DID. OR US-4265280-$.DID. OR US-20070412210-$.DID. OR US-20020161322-$.DID. OR US-2101459-$.DID. OR US-20070412314-$.DID. OR US-20050274673-$. DID. OR US-20020011452-$.DID.				
S43	8367	((422/44) or (604/4.01,5.01,6.09,6.15,6.16,403,406,408,410,) or 210/194,196,232,233,234,)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S44	5263	(S38 S43) and @ay<"2004" not (S39 S41 S42)	US-PGPUB; USPAT	OR	ON	2008/08/27 13:35
S45	1256	S44 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S46	1126	S45 and (cut$4 fraction$3 fragment$3 partition$3 part portion$3 section$3 sector$3 segment$3 slic$3 split$4 subdivi$4) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S47	1043	S46 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) same (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35

S48	920	S47 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) same (repository vessel receptacle bag canister capsule chamber container compartment reservoir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S49	825	S48 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) with (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S50	278	S48 and (assembl$3 form$3 manufactur$3 join$3 bond$3 affix$3 merg$3 mix adj together) with (channel$3 conductor course duct flow lumen passage pip$3 pipeline tub$3 vessel conduit) with filter $3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/08/27 13:35
S51	12	(("4759362") or ("4759362") or ("5512172") or ("5512172") or ("5762868") or ("4369779") or ("4223675") or ("4411662") or ("4412835") or ("5417681") or ("4501951") or ("3968195") or ("4610670") or ("4816221")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S52	61	"4157723" | "4265280" | "4267269" | "4412835" | "4596657" | "4767541" | "4810378" | "4855063" | "4919823" | "4943287" | "4997577".PN. OR "5180504".URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/27 13:35
S53	5	(("6,733,433") or ("5,496,302") or ("5,802,689") or ("5,779,666") or ("5,180,504")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/08/27 13:35
S54	1522	((210/459) or (604/408,410,10)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 10:19
S55	42	sugawara-hiroyuki$.in.	US-PGPUB; USPAT	OR	ON	2008/09/09 10:19
S56	944	"terumo kabushiki kaisha".as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:19

S57	197	S56 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:19
S58	123	US-5156701-$.DID. OR US-4142523-$.DID. OR US-4250892-$.DID. OR US-4254771-$.DID. OR US-4346711-$.DID. OR US-4759749-$.DID. OR US-4834108-$.DID. OR US-4850964-$.DID. OR US-4894150-$.DID. OR US-4898572-$.DID. OR US-4963134-$.DID. OR US-5002529-$.DID. OR US-5004459-$.DID. OR US-5061236-$.DID. OR US-5201722-$.DID. OR US-5205834-$.DID. OR US-5207638-$.DID. OR US-5248359-$.DID. OR US-5275585-$.DID. OR US-5318510-$.DID. OR US-5380314-$.DID. OR US-5403304-$.DID. OR US-5437836-$.DID. OR US-5441482-$.DID. OR US-5458567-$.DID. OR US-5507904-$.DID. OR US-5643193-$.DID. OR US-5722947-$.DID. OR US-5772880-$.DID. OR US-5785700-$.DID. OR US-5798041-$.DID. OR US-5885261-$.DID. OR US-5938940-$.DID. OR US-5971948-$.DID. OR US-6027490-$.DID. OR US-6030539-$.DID. OR US-6099492-$.DID. OR US-6129853-$.DID. OR US-6186983-$.DID. OR US-6221264-$.DID. OR US-6277138-$.DID. OR US-6277139-$.DID. OR US-6296602-$.DID. OR US-6328726-$.DID. OR US-6342048-$.DID. OR US-6344049-$.DID. OR US-6358420-$.DID. OR US-6458814-$.DID. OR US-6464624-$.DID. OR US-6471069-$.DID. OR US-4985153-$.DID. OR US-2102571-$.DID. OR US-20070043317-$.DID. OR US-20060180526-$.DID. OR US-4886487-$.DID. OR US-20070412009-$.DID. OR US-2357238-$.DID. OR US-3489145-$.DID. OR US-6814726-$.DID. OR US-6733433-$.DID. OR US-4447230-$.DID. OR US-4596657-$.DID. OR US-4997577-$.DID. OR US-5098371-$.DID. OR US-5269946-$.DID. OR US-5378229-$.DID. OR US-5405343-$.DID. OR US-5536412-$.DID. OR US-5601730-$.DID. OR US-6495039-$.DID. OR US-3000540-$.DID. OR US-4223695-$.DID. OR US-4608178-$.DID. OR US-4857190-$.DID. OR US-5053127-$.DID. OR US-5071570-$.DID. OR US-5100564-$.DID. OR US-5102407-$.DID. OR US-5126054-$.DID. OR US-5128048-$.DID. OR US-5152905-$.DID. OR US-5180504-$.DID. OR US-5217627-$.DID. OR US-5258126-$.DID. OR US-5316674-$.DID. OR US-5364526-$.DID. OR US-5451321-$.DID. OR US-5472621-$.DID. OR US-5512187-$.DID. OR US-5527472-$.DID. OR US-4267269-$.DID. OR US-4855063-$.DID. OR US-20020133136-$.DID. OR EP-20030141009-$.DID. OR US-20010012930-$.DID. OR US-6585682-$.DID. OR US-4828557-$.DID. OR US-5217618-$.DID. OR	US-PGPUB; USPAT	OR	ON	2008/09/09 10:19

		US-6678040-$.DID. OR US-7097209-$.DID. OR US-6488860-$.DID. OR US-6234538-$.DID. OR US-6123859-$.DID. OR EP-41272007-$.DID. OR EP-412720073-$.DID. OR US-6041410-$.DID. OR US-6041246-$.DID. OR US-6041260-$.DID. OR US-6041262-$.DID. OR US-6041182-$.DID. OR EP-42720073-$.DID. OR US-2101206-$.DID. OR US-2805973-$.DID. OR US-3013925-$.DID. OR US-4022256-$.DID. OR US-4242310-$.DID. OR US-4412835-$.DID. OR US-4443215-$.DID. OR US-4501630-$.DID. OR US-4507119-$.DID. OR US-4610670-$.DID. OR US-20030144647-$.DID. OR US-20070412209-$.DID. OR US-4157723-$.DID. OR US-4265280-$.DID. OR US-20070412210-$.DID. OR US-20020161322-$.DID. OR US-2101459-$.DID. OR US-20070412314-$.DID. OR US-20050274673-$.DID. OR US-20020011452-$.DID.				
S59	8383	((422/44) or (604/4.01,5.01,6.09,6.15,6.16,403,406,408,410,) or 210/194,196,232,233,234,)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/09 10:19
S60	5264	(S54 S59) and @ay<"2004" not (S55 S57 S58)	US-PGPUB; USPAT	OR	ON	2008/09/09 10:19
S61	1257	S60 and blood and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:19
S62	28	S61 and (cut cutting cutter cuttable trim trimmed trimming trimmer trimmable snipped snipping snipper snippable punch punched punching puncher punchable punchible stamp stamped stamping stamper stampable impress impressed impressing impresser impressable impression imprint imprinted imprinting imprinter imprintable clip clipped dipping clipper clippable) with (closure closing seal coupling seal sealed sealing sealer sealable sealant) and (fuse fused fusing fuser fusable fusion liquef$3 melt melted melting melter meltable merg$3 solder$3 unite united uniting uniter weld welded welding welder weldable) with (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:19

S63	1144	S61 and (method process) not S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:34
S64	100	S63 and (method process) with (bond bonded bonder bonding bound connecter connector connect connecting connected connectable couple coupling coupled coupler couplable couplible fasten fastener fastened fastening fastenable link linker linked linkable linkible interface interfaced interfacer interfacable interfacing clip clipping clipper clipped clippable clippible attach attachment attachable attaching attacher attached mount mounting mounted mountable mounting mount demount demounting demounted demountable demounting demounter dismount dismounting dismounted dismountable dismounting dismounter join joined joiner joining joinable joint conjoin conjoined conjoiner conjoining conjoinable conjoint) with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 10:37
S65	67	("3513976" | "3870042" | "4040959" | "4111199" | "4187979" | "4322298" | "4330410" | "4344560" | "4416777" | "4447220" | "4447415" | "4464167" | "4596657" | "4608178" | "4663032" | "4663058" | "4675117" | "4680025" | "4687580" | "4720284" | "4747952" | "4767541" | "4776964" | "4810378" | "4855063" | "4880548" | "4898573" | "4915848" | "4919823" | "4923620" | "4925572" | "4936998" | "4943287" | "4985153" | "4997577" | "5089146" | "5100564" | "5152905" | "5234593" | "5288403" | "5316674" | "5545339" | "5601730" | "5776338").PN. OR ("2003/0146170" | "2006/0086666" | "5399268" | "7351344"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/09 11:03
S66	59	S65 and @ay<"2004" not (S62 S64)	US-PGPUB; USPAT	OR	ON	2008/09/09 11:07
S67	1	("20030104349").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/09 11:12
S69	139	("3870042" | "4330410" | "4512763" | "4596657" | "4701267" | "4767541" | "4810378").PN. OR ("4985153").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/09 11:40
S70	111	S69 and @ay<"2004" not (S62 S64) and blood and filter	US-PGPUB; USPAT	OR	ON	2008/09/09 11:41

S71	102	S70 and (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 11:41
S72	1	("20050082218").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/09 11:52
S73	6	(("5674333") or ("4753697") or ("3968195") or ("5569181") or ("4933036") or ("4521263")).PN.	US-PGPUB; USPAT	OR	OFF	2008/09/09 13:09
S74	63	(210/240).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/09 13:16
S75	185	(210/239).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/09 13:18
S76	179	S75 not S74	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 13:19
S77	680	(210/435).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/09 13:37
S78	6	S76 and @ay< "2004" and (loop looped looping)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 13:37
S80	33	S76 and @ay< "2004" not S78	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/09 13:38
S82	893	(220/62.22,501).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/10 07:14
S83	1205	((383/210.1) or (600/573)).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/10 07:14
S84	1123	(604/406,408,410).CCLS.	US-PGPUB; USPAT	OR	OFF	2008/09/10 07:14

S85	764	(S82 S83 S84) and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:20
S87	32715	@ay<"2004" and (loop looped looping)and filter and (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit) and (hemodialysis hemodiafiltration hemofiltration autotransfusion dialysis hemo blood patient medical therapy therapeutic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:32
S88	16503	S87 and (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit) with (cut cutting cutter cuttable trim trimmed trimming trimmer trimmable snipped snipping snipper snippable fuse fused fusing fuser fusable fusion melt melted melting melter meltable unite united uniting uniter weld welded welding welder weldable bond bonded bonder bonding bound connecter connector connect connecting connected connectable couple coupling coupled coupler couplable couplible fasten fastener fastened fastening fastenable link linker linked linkable linkible attach attachment attachable attaching attacher attached mount mounting mounted mountable mounting mount join joined joiner joining joinable joint)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:35
S89	3379	S88 and (loop looped looping) with (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:36
S90	6708	S88 and (loop looped looping circle circular circularly circularity circling circled coil coiling coiled coilable coiler circuit) with (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:44

S91	369	S90 and (loop looped looping circle circular circularly circularity circling circled coil coiling coiled coilable coiler circuit) with (sterile sterility sterilely clean hermetic hermetically aseptic aseptically)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:45
S92	210	S91 and filter with (cut cutting cutter cuttable trim trimmed trimming trimmer trimmable snipped snipping snipper snippable fuse fused fusing fuser fusable fusion melt melted melting melter meltable unite united uniting uniter weld welded welding welder weldable bond bonded bonder bonding bound connecter connector connect connecting connected connectable couple coupling coupled coupler couplable couplible fasten fastener fastened fastening fastenable link linker linked linkable linkible attach attachment attachable attaching attacher attached mount mounting mounted mountable mounting mount join joined joiner joining joinable joint)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 07:46
S94	32715	@ay<"2004" and (loop looped looping)and filter and (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit) and (hemodialysis hemodiafiltration hemofiltration autotransfusion dialysis hemo blood patient medical therapy therapeutic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19
S95	16503	S94 and (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit) with (cut cutting cutter cuttable trim trimmed trimming trimmer trimmable snipped snipping snipper snippable fuse fused fusing fuser fusable fusion melt melted melting melter meltable unite united uniting uniter weld welded welding welder weldable bond bonded bonder bonding bound connecter connector connect connecting connected connectable couple coupling coupled coupler couplable couplible fasten fastener fastened fastening fastenable link linker linked linkable linkible attach attachment attachable attaching attacher attached mount mounting mounted mountable mounting mount join joined joiner joining joinable joint)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19

S96	6708	S95 and (loop looped looping circle circular circularly circularity circling circled coil coiling coiled coilable coiler circuit) with (channel channeled channeler channeling channelable conductor conducted conducter conducting conductable course coursed coursing duct ducted ducting ductable lumen lumenal pipe piped piping pipeable pipable pipeline tube tubing vessel conduit)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19
S97	369	S96 and (loop looped looping circle circular circularly circularity circling circled coil coiling coiled coilable coiler circuit) with (sterile sterility sterilely clean hermetic hermetically aseptic aseptically)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19
S98	210	S97 and filter with (cut cutting cutter cuttable trim trimmed trimming trimmer trimmable snipped snipping snipper snippable fuse fused fusing fuser fusable fusion melt melted melting melter meltable unite united uniting uniter weld welded welding welder weldable bond bonded bonder bonding bound connecter connector connect connecting connected connectable couple coupling coupled coupler couplable couplible fasten fastener fastened fastening fastenable link linker linked linkable linkible attach attachment attachable attaching attacher attached mount mounting mounted mountable mounting mount join joined joiner joining joinable joint)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19
S99	209	S98 and (method process procedure using assemble assembled assembler assembling assembly)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:19
S100	1	("6733433").PN.	US-PGPUB; USPAT	OR	OFF	2008/09/10 09:20
S101	383	S96 and (closed cyclic cycling circuit) with (sterile sterility sterilely clean hermetic hermetically aseptic aseptically)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:47
S102	230	S96 and (closed adj (circuit cycle loop) cyclic cycling circuit) with (sterile sterility sterilely clean hermetic hermetically aseptic aseptically)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:48

S103	76	S102 not S99		US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/10 09:48

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